软件升级 wlan接入 AP管理 zhiliao_DL4RX 2018-11-24 发表

组网及说明

1.1 适用产品系列

本手册适用于如下产品:WAP712C、WAP722E、WAP722S、WAP722、WAP621、WA1208、WA2 110-GN、WA2200、WA2600、WA3600、WA4300

配置步骤

1.1.1 AP瘦切胖配置案例 (命令行)

操作风险提示: AP瘦切胖有风险,操作不当或者意外断电会导致设备故障,操作需谨慎。WAP722E和、WAP722没有Console口,建议使用Telnet方式登入命令行

命令行升级需在PC上搭建TFTP Server (推荐用户使用3CDaemon搭建TFTP服务器)

将软件版本下载到设备FLASH内,然后通过命令行加载Bootrom版本,再加载主机软件版本,加载时 输入的文件名一定要一致,建议复制黏贴,然后升级过程中避免断电重启操作。

具体操作如下:

1) 从新华三的官网下载对应AP型号的胖版本,下载到电脑后,需修改文件名,以WAP621为例子, 修改对应的启动文件名wa2600a_fat.bin,需要注意文件名称修改正确。

AP型号和使用版本关系:

AP-mode	版本名称
H3C WAP621	wa2600a_fat.bin
H3C WAP722	wa4300 fat hin
H3C WAP722E	
H3C WAP722S	
H3C WAP712C	wa4300s_fat.bin
H3C WAP712H	

2) 电脑网卡设置为:192.168.0.1/255.255.255.0,如下例子打开TFTP服务器,把软件版本WA2600 a_fat.bin放到电脑桌面上,TFTP服务器目录指向电脑桌面,然后点击确定。

TFTP Server	Start Time	Peer	Bytes	Status				
onfigure TFTP Server 1	May 30, 2016 11:20:26	local	0	Listening for TFTP req	uests on IP address:	10.88.	18.160, Port 69	
IFIP Server is started.	3	CDaem	ion Cor	nfiguration				1
Logging to Tftpd.log.		Crea	FI Gene te dire	r fromiles wal Configuration ectory names in incomin.	syslog Con TFTP C g file re√	onfigu	浏览文件夹 Select a Dire	tory
Click to stop. X Not debugging. Click to start.		Allo Uplos	w overw	rite of existing files	2 ? Efw1987\Desktop	וכ	■ <u>東面</u> ▶ • ▼ 网络 ▶ (⇒ 库 ▶ ●	3 指定从H3C 官网下载过来软件版本
Clear list.		Per-j Maxir Toter	packet nun ret: rfrana	timeout in seconds ries	5		▲ 11 11 11 11 11 11 11 11 11 11 11 11 11	- 他議盘 (C:)
View Log/Debug files.		into			P		> 🌲 aaaa	 ▼ 确定 取消
		3CDae	mon		<u>确定</u>	取消		J
					4			

3) 创建AP的ip地址, AP设置地址为192.168.0.2 255.255.255.0, 和电脑同一个网段, 保证电脑和AP 网络可达。以下标黑部分为设备自动打印部分,标红加粗的命令是需要手动输入。

<H3C> system

[H3C] interface vlan1

[H3C-Vlan-interface1] ip address 192.168.0.2 255.255.255.0

- [H3C-Vlan-interface1] quit
- 4) 通过TFTP上传胖AP: wa2620a_fat.bin, 192.168.0.1是电脑的ip,

<H3C> tftp 192.168.0.1 get wa2600a_fat.bin

File will be transferred in binary mode.

Downloading file from remote tftp server, please

TFTP: 4602950 bytes received in 115 second(s).

wait.....

,只能通过bootrom升级。

//如果空间不够,可以删除原有的软件版本释放存储空间

File downloaded successfully.

备注:如果提示FLASH空间不足已放下新版本请将老版本删除,删除后请勿重启,否则设备已无系统

<H3C>delete /unreserved wa2600a_fit.bin

<H3C> tftp 192.168.0.1 get wa2600a_fat.bin
5) 加载BOOTROM
<H3C> bootrom update file wa2600a_fat.btm (此步忽略)
please wait ...
Bootrom is updated!
6) 加载主机软件
<H3C> boot-loader file wa2600a_fat.bin main
<H3C> boot-loader file wa2600a_fat.bin main
<H3C> reboot
7) 重启设备完成后就可以使用默认的管理地址192.168.0.50登录AP进行管理了。登录AP的默认用户
名是admin,密码是h3capadmin。

1.1.2 AP瘦切胖配置案例 (Bootrom)

1) 使用Console口登入到命令行,从官网下载WAP621的软件版本,将压缩包解压,将里面的文件名称修改为wa2600a_fat.bin。

2) 电脑网卡设置为: 192.168.0.1 255.255.255.0, 如下例子打开TFTP服务器, 把软件版本WA2600a _fat.bin放到电脑桌面上, TFTP服务器目录指向电脑桌面, 然后点击确定。

TFTP Server	Start Time Peer Bytes Status
enfigure IFIF Server 1	May 30, 2016 11:20:26 local 0 Listening for TFTP requests on IP address: 10.88.18.160, Port 69
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3) 在AP重启的时候按住**Ctrl+B**进入设备的bootroom菜单,以下标黑部分为设备自动打印部分,标红加粗的命令是需要手动输入。

|<1> Boot System

|<2> Enter Serial SubMenu

|<3> Enter Ethernet SubMenu

|<4> File Control

|<5> Restore to Factory Default Configuration

|<6> Skip Current System Configuration

|<7> BootWare Operation Menu

|<8> Clear Super Password

|<9> Storage Device Operation

|<0> Reboot

Ctrl+C: Display Copyright

Ctrl+F: Format File System

Enter your choice(0-9): Ctrl+F

У

Enter your choice(0-9):3 (此处输入)

Note: the operating device is flash

|<1> Download Application Program To SDRAM And Run

|<2> Update Main Application File

|<3> Update Backup Application File

|<4> Update Secure Application File

|<5> Modify Ethernet Parameter

|<0> Exit To Main Menu

|<Ensure The Parameter Be Modified Before Downloading!>

4) 进入修改以太网参数菜单,使用TFTP网络协议传输wa2600a_fat.bin到AP上

Note: '.' = Clear field.

| '-' = Go to previous field.

Ctrl+D = Quit.

Protocol (FTP or TFTP):**TFTP** //忽略输出内容,直接输入TFTP,然后回车 Load File Name wa2600a_fat.bin //忽略输出内容,直接输入wa2600a_fat.bin,然后回车 Target File Name wa2600a_fat.bin,然后回车 //忽略输出内容,直接输入wa2600a_fat.bin,然后回车 Server IP Address :**192.168.0.1** //忽略输出内容,直接输入电脑主机的 IP,比如192.168.0.1,然后回车 Local IP Address :**192.168.0.50** //忽略输出内容,直接输入和电脑主机的ip同一网段,比如192.168.0.50,然后回车 Gateway IP Address :0.0.0 //忽略输出内容,直接回车 备注:注意给电脑手动配置一个与AP同网段的IP地址,保证电脑与AP路由可达

Note: the operating device is flash

|<1> Download Application Program To SDRAM And

|<2> Update Main Application File

|<3> Update Backup Application File

|<4> Update Secure Application File

|<5> Modify Ethernet Parameter

|<0> Exit To Main Menu

|<Ensure The Parameter Be Modified Before Downloading!>

Loading.....

.....Done!

|<2> Update Main Application File

|<3> Update Backup Application Fil

|<4> Update Secure Application File

<5> Modify Ethernet Parameter

||<0> Exit To Main Menu

|<Ensure The Parameter Be Modified Before Downloading!> |-----Enter your choice(0-5): 0 <1> Boot System <2> Enter Serial SubMenu <3> Enter Ethernet SubMenu <4> File Control <5> Restore to Factory Default Configuration <6> Skip Current System Configuration <7> BootWare Operation Menu <8> Clear Super Password <9> Storage Device Operation <0>Reboot _____ _____ Ctrl+C: Display Copyright Ctrl+F: Format File System Enter your choice(0-9): 4 Note: the operating device is flash <1> Display All File(s) <2> Set Application File type <3> Delete File <0> Exit To Main Menu _____

Enter your choice(0-3): 1 Display all file(s) in flash: 'M' = MAIN 'B' = BACKUP 'S' = SECURE 'N/A' = NOT ASSIGNED

 INO. Size(B)
 Time
 Type
 Name

 II1
 9124864
 Aug/08/2008 20:00:00 M
 wa2600a_fat.bin

_____ 6) 返回主菜单,将设备进行重启 Note:the operating device is flash <1> Display All File(s) <2> Set Application File type <3> Delete File <0> Exit To Main Menu _____ Enter your choice(0-3): 0 <1> Boot System <2> Enter Serial SubMenu <3> Enter Ethernet SubMenu <4> File Control <5> Restore to Factory Default Configuration <6> Skip Current System Configuration <7> BootWare Operation Menu <8> Clear Super Password <9> Storage Device Operation <0>Reboot _____ _____ Ctrl+C: Display Copyright Ctrl+F: Format File System Enter your choice(0-9): 0 System is starting... 7) 重启设备完成后就可以使用默认的管理地址192.168.0.50登录AP进行管理了。登录AP的默认用户 名是admin, 密码是h3capadmin。

配置关键点